User Manual

Revision 17.0

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Fullpower Technologies, Inc., makers of MotionX®

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Getting Started

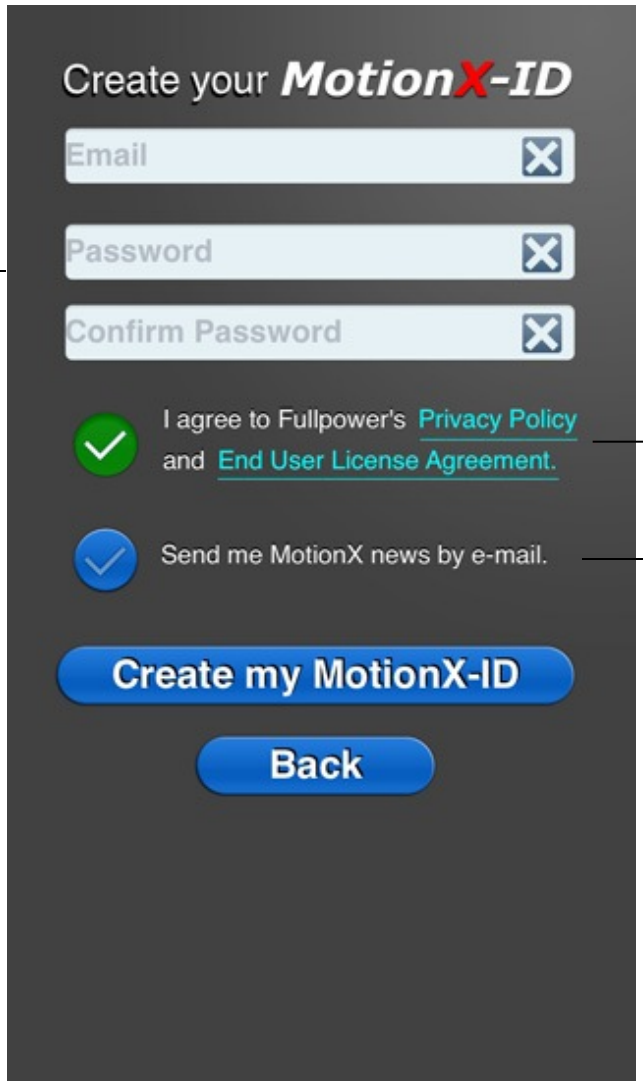
- Video: http://drive.motionx.com/video/
- Tutorials: http://drive.motionx.com/iphone/tutorials/
- Quick Start Guide: http://drive.motionx.com/quick-start/

1. MotionX-ID

MotionX-GPS Drive users may optionally create a MotionX-ID, including a username and password, to protect your Live Voice Guidance purchases and to access your purchases on multiple devices such as an iPhone and an iPad.

Benefits of the MotionX-ID:

- Creating a MotionX-ID protects your voice guidance purchases in case you lose your device or purchase a new device.
- If you have multiple devices such as an iPhone and an iPad, or more than one iPhone in your household, use your MotionX-ID to access Live Voice Guidance purchases on multiple devices.
- Your username and password will remain completely confidential and will not be used for any other purpose. After an initial confirmation email, you will not receive any unsolicited communications from MotionX.
- For additional information, visit the MotionX-ID FAQ page on the MotionX-GPS Drive website.



Your MotionX-ID username is your email address

Create and confirm a password

You will not be required to log in again unless you manually log out, or if you are using a different device

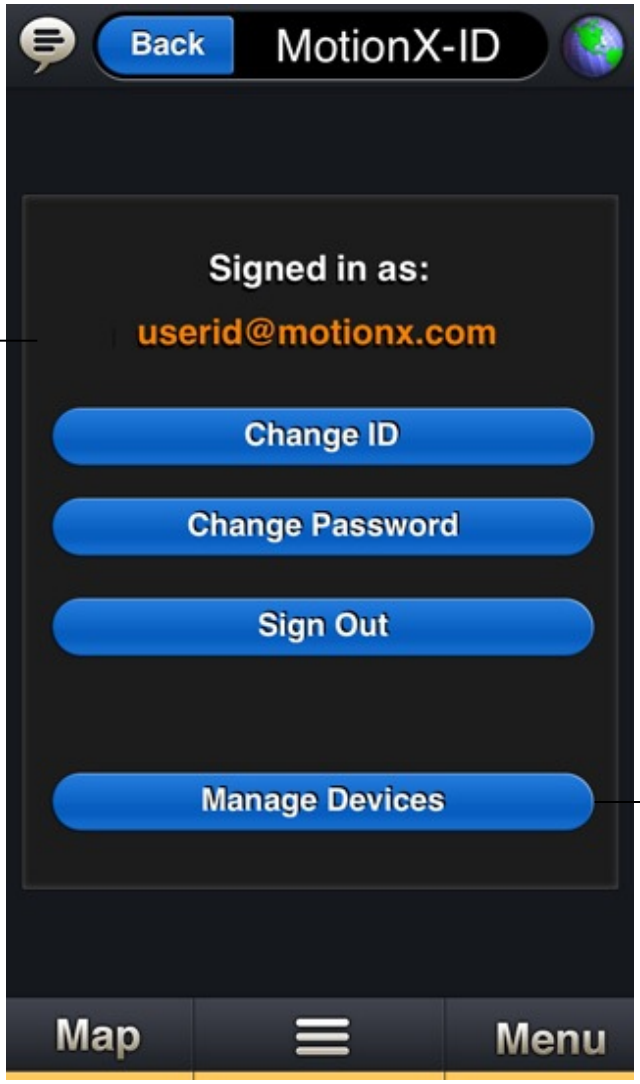
You must agree to Fullpower's privacy policy and EULA to continue

Opt-in to MotionX news via email, only if you choose

1. MotionX-ID (continued)

View and manage your MotionX-ID. Select **Settings** from the main menu, then select **MotionX-ID**.

Displays your MotionX-ID user name



Other device(s) on which your MotionX-ID was used to log into MotionX-GPS Drive

The device(s) shown here share the same Live Voice Guidance purchases

Select **Remove** to un-associate a specific device from your MotionX-ID

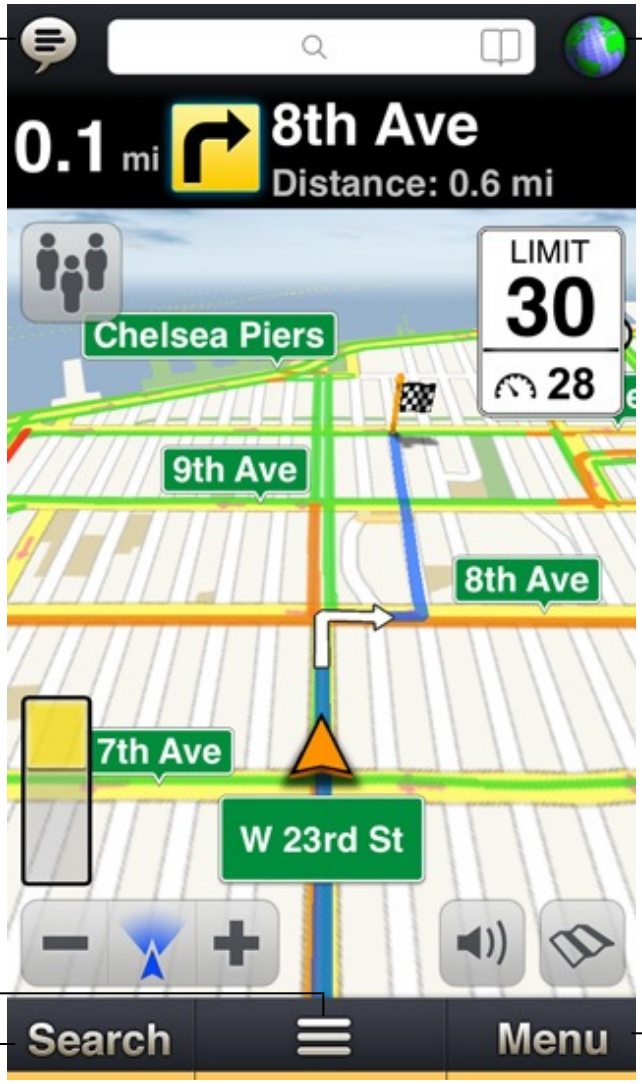
The MotionX-ID is optional, but without it you cannot access your Live Voice Guidance or additional voice option purchases on multiple devices, and they will not be recovered if you lose your phone or upgrade to a new device. Go to Settings > MotionX-ID at any time to create a MotionX-ID; any in-app purchases will be automatically applied.

2. Overview

MotionX-GPS Drive is a complete GPS navigation solution designed and optimized exclusively for the iPhone and iPad. MotionX helps you find what you're looking for and provides turn-by-turn directions with optional Live Voice Guidance using industry-leading maps. All the functionality of an advanced dedicated turn-by-turn GPS unit is presented in this intuitive application. With full support for multitasking, routing and live voice guidance instructions continue in the background while listening to streaming music or while using other applications.

The buttons highlighted below are accessible throughout the user interface.

Voice Balloon: Touch to hear your voice guidance repeated



GPS signal indicator Touch to toggle between outdoor online and indoor offline

Blue: Outdoor GPS mode; good signal

Red: Unreliable signal, trying to acquire satellites

Red Flashing: Indoor Offline Mode; not searching for satellites (GPS chipset off)

iPod controls, voice muting, and directions list

Search: Access the search wheel. Function toggles to **Map** when you are on the Search page.

Menu: Access the main menu from any page

GPS requires a direct "line-of-sight" to communicate with satellites. Your iPhone must have a clear view of the sky to locate at least three satellites in order to give accurate position information. If you are indoors, in a wooded area or surrounded by buildings, you may be unable to acquire an accurate signal. The GPS signal strength will be enhanced when your iPhone is connected to a power source.

3. Menu

The Menu provides access to the various capabilities of MotionX-GPS Drive. Initiate search and navigation, access your saved destinations, see your current position, view the compass, and access your preferred Settings from this page.

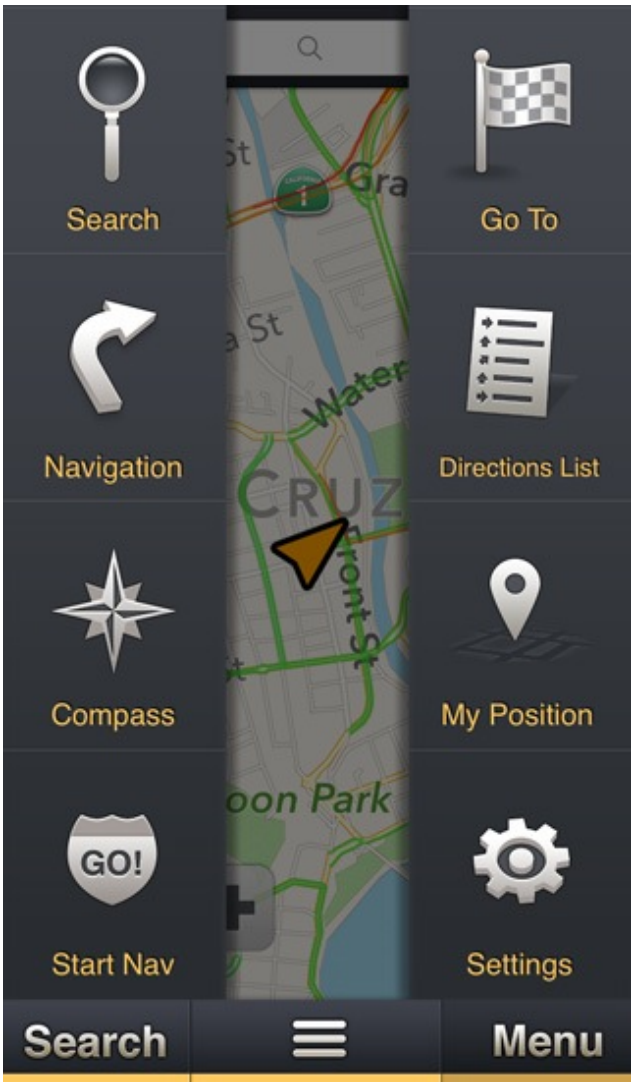
Each menu button is explained here briefly. Additional details for each function are outlined in the subsequent sections of this manual.

Search: Launches the MotionX Search Wheel to initiate a search

Navigation: Select a destination and initiate navigation

Compass: View current heading, speed, altitude, and Lat/Lon coordinates

Start Nav: Initiate navigation; button toggles to **Stop Nav** while actively navigating



Go To: Select a destination from your saved locations, favorites, recently found, and much more

Directions List: Step-by-step list of maneuvers while actively navigating to a destination

My Position: View your current location (Lat/Lon and closest known address)

Also view current speed, heading, altitude, and GPS signal strength

Settings: Various user-based settings and controls

4. Search

Finding businesses and services is easy using the MotionX Search Wheel. Either select a quick category such as gas or emergency, or select the shopping cart button to browse among a wide variety of resources such as beaches, restaurants, Wi-Fi hotspots, and more. Or use the Wikipedia POI search as your own personal tour guide.

Search Wheel Components

Traffic: View a 2D map with live traffic overlays and traffic incidents

Address: General open-ended address input[1]

Wikipedia: Explore locations marked by geocoded Wikipedia entries

Twitter: Tweet your location, destination, and/or ETA

Facebook: Check in, view your friends' latest check-ins

Browse: Entertainment, Restaurants, Services (e.g. WiFi hotspots), Shopping, Travel & Transportation

Dining: Restaurants, cafes, taverns and bars

Parking: Parking lots, garages, and rest stops

Go Home: Quickly begin navigating home

Share & Report: Report an incident such as collision, traffic, police, weather, and more; share your location, destination, and/or ETA via facebook, twitter, or email

Search: Open-ended search

Address Book: My Home, Recently Found, Frequent Destinations, Favorites, Saved, iPhone Contacts

Coffee: Coffee shops

Gas: Gas & service stations

Emergency: Hospitals and medical care facilities

Airports: Search for airports close to you or near a defined location

Stop Nav: Stop navigating to your destination

[1] Shortcut: paste an entire copied address (copied from an email or from Apple Maps, for example) into the street address field.

4. Search (continued)

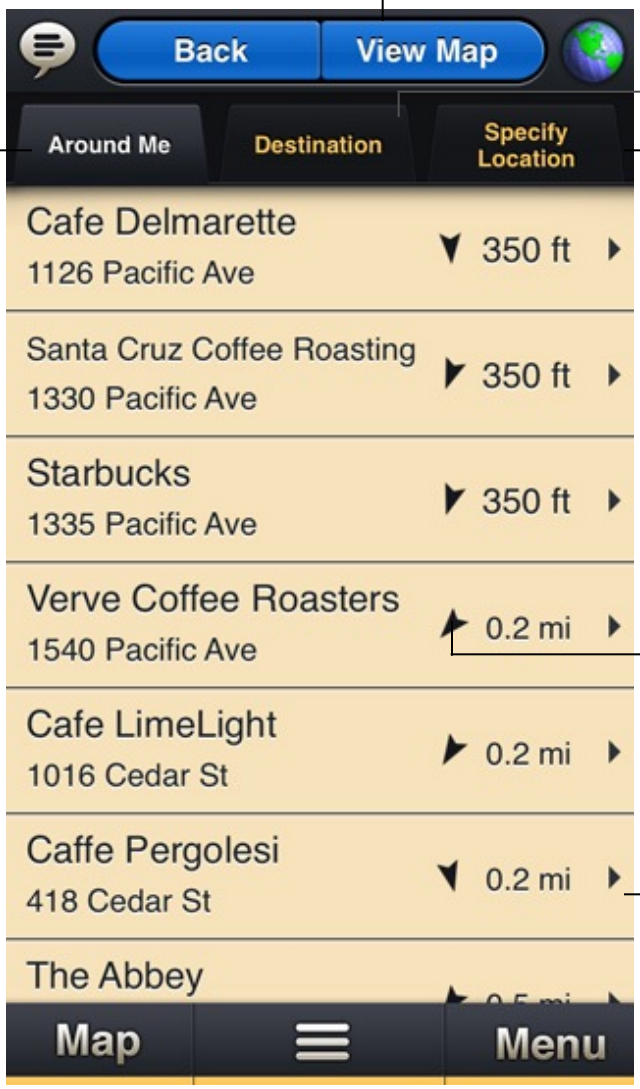
Search Results - List View

Around Me: Initial search results based on proximity to your location

View Map: View search results overlaid on a map

Specify location: Specify an alternate search location

Destination: Displays results near your destination

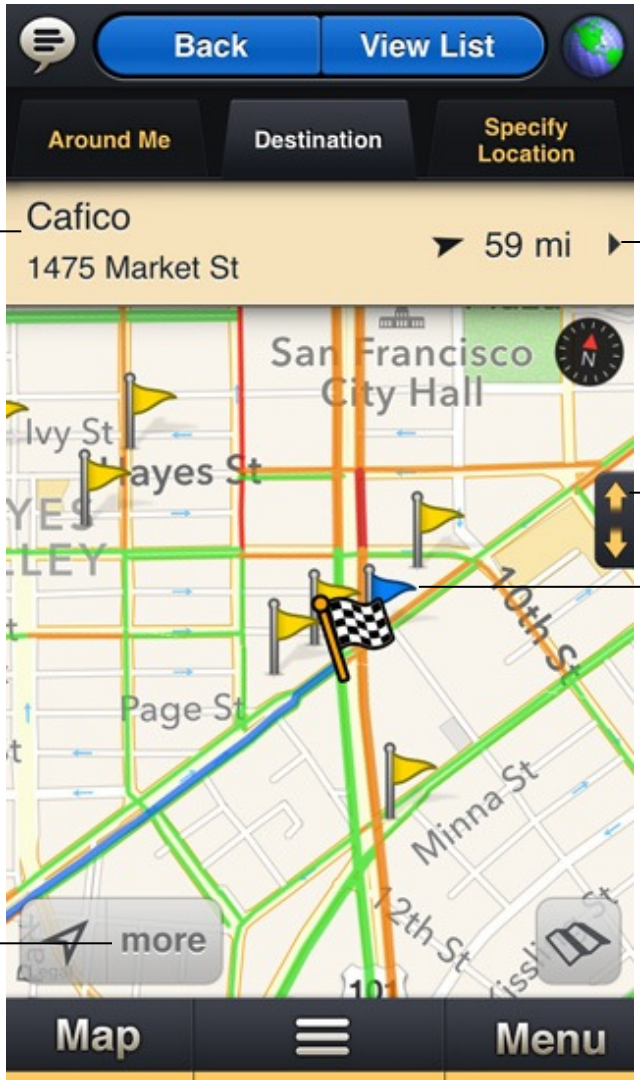


Directional arrow: Indicates the direction of the POI relative to the direction you are facing or traveling

Select a listing name to view details, and to proceed to navigation choices

4. Search (continued)

Search Results - Map View



Swipe vertically to view the next search result

Select the search result to view the listing address and contact info

Expand the map to full screen

A blue flag represents the listing name selected in the results panel

View more search results and/or expand the search area[1]

5. Go To

The Go To page is the quickest way to enter destination details such as city name, zip code, or even latitude/longitude. It's also convenient to access your recently found destinations, as well your iPhone/iPad contacts list and any locations you have saved or identified as a favorite.

My Home: Store your home address for quick access. Select from five options: use your current location, pick from your iPhone contacts, use a recently round destination, enter an address, or enter Lat/Lon coordinates.

Address: Enter an address for navigating. As you start to type the city, state and zip code fields, a drop-down list will appear from which you can select the appropriate entry.

Contacts: Navigate to an address from your iPhone address book. Scroll to find the contact, then touch the field that contains their address.

Recently Found: List of all recently found addresses, businesses, and points of interest.

Frequent Destinations: List of your most frequently visited destinations.

Favorites: List of all destinations designated as a favorite. To designate a favorite, view the location details and touch the Edit button, then select the box next to 'This is a favorite'.

Saved Destinations: List of your saved destinations. To save a destination, view the location details and touch the Save This button. Edit the name if desired.

TapTap Destination Tool: Select a destination by choosing a point on the map. Your selection will be geocoded to the closest known physical address.

Saved Parking Spots: List of your saved parking spots. To save a parking spot, go to the My Position page, touch the 'Park Spot' button, then save.

Intersection: Enter a street intersection, defined by two road names, for navigating.

5. Go To (continued)

City Name: Enter a city for navigating; the approximate center of the city will be used for your destination.

Zip/Postal Code: Enter a US zip code or Canadian postal code.

Airport Search: List of airports in your current vicinity (Around Me tab). Select the Specify Location tab to search in an alternate location (enter city or zip/postal code).

Hospitals: List of physicians' offices, medical clinics and hospitals. Select the Specify Location tab to search in an alternate location (enter city or zip/postal code).

Lat/Lon: Define a destination by entering the latitude and longitude coordinates.

My Current Location: View and navigate to the physical address closest to your current location.[1,2]

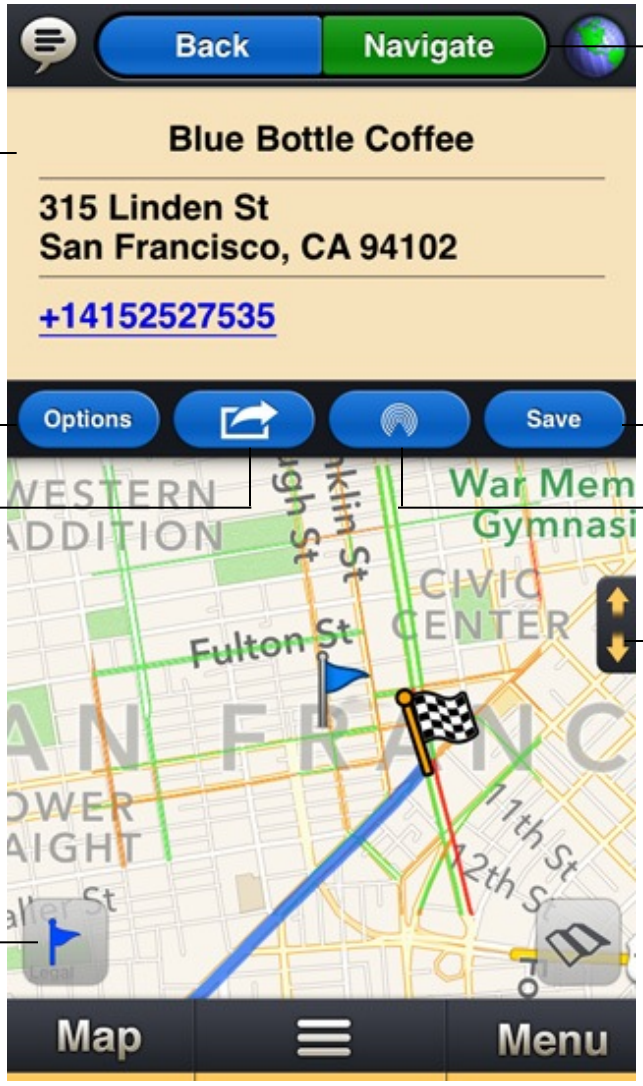
[1] Results for My Current Location will be more accurate with a strong GPS signal. Check your signal strength on the Position page (accessible from the main menu). GPS signal strength is shown in the lower right box.

[2] Saving the address closest to your current location may be useful to navigate back to this position at a later time, for example when parking a car.

6. Navigation

After defining a destination using Search or Go To, view the destination details, then start navigating. You may also choose to pre-load maps or simulate a route from the Navigation Choices page. Share your destination details along with the ETA (estimated time of arrival) and a Google Maps link with friends via email.

Location Details



Name, address and phone number. Touch the phone number to place a call.[1]

Options:

- Select a navigation mode (Voice Navigation or Silent Navigation)
- Pre-load maps
- Simulate a route

Share this POI via email, Facebook, or Twitter

Email: send your location, destination, address, and/or ETA with a link to view its location using Google Maps or in MotionX-GPS Drive

Facebook/Twitter: tweet your current address; tweet your destination, distance, and ETA while navigating

If you scroll around the map to view the surroundings, touch the flag button to re-center the map around your destination

Navigate: Initiate navigation[2]

Save:

- Save location
- Add location to your list of Favorites (access from the Go To menu)
- Save as Home address
- Edit name or phone #

AirDrop: Share your destination with others using AirDrop (iOS 7 with iPhone 5 or later)

View the map in full screen mode

[1] Placing a call will force the MotionX-GPS Drive audio session to close; live navigation will continue in the background.

[2] If you have selected Voice Navigation from the Navigation Choices menu and your Live Voice Guidance package is expired, you will be directed to a list of the currently available package offers. You may optionally use Silent Navigation which does not require an active package.

6. Navigation (continued)

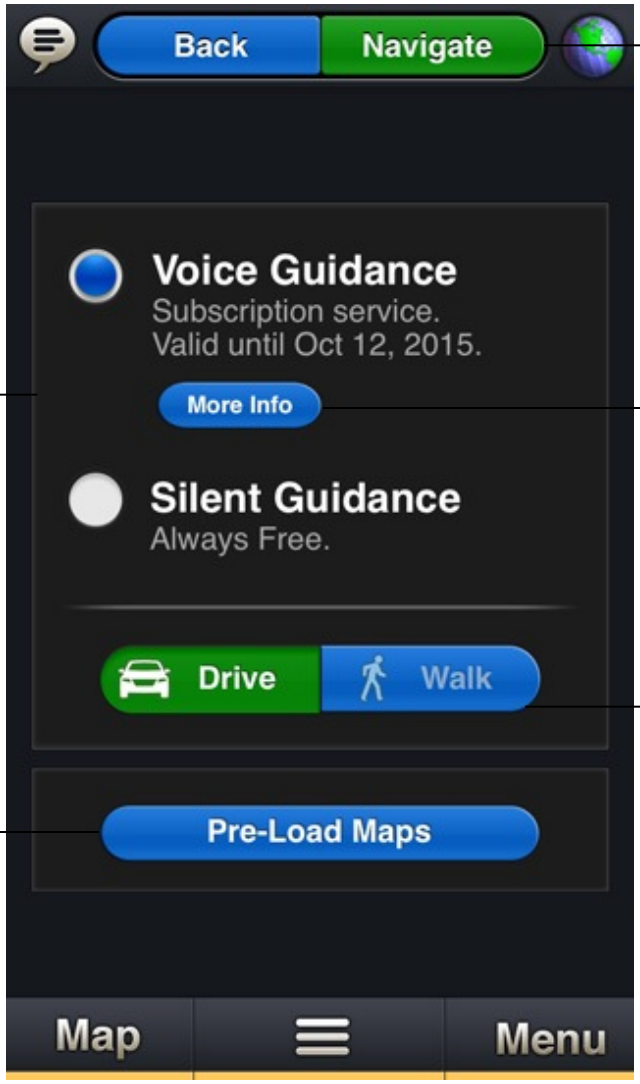
Navigation Choices

Access the Navigation Choices from the Location Details page. Choose between Live Voice Navigation and Silent Guidance. Also, pre-load maps for offline access or simulate a route.

Navigation Options:

- **Voice Guidance** requires an active guidance package. 30 days are included with your original app purchase. Additional packages may be purchased with an In-App purchase via your iTunes account.
- **Silent Guidance** does not require an active package. However this does not include voice guidance or real-time route updates. Manually step through maneuvers.

Pre-Load maps: Run a simulation to pre-load maps for your route. Pre-loaded maps may be accessed offline without a data connection.



Navigate: Touch to initiate route calculation and navigation

More info: View the Live Voice Guidance package options currently available

Drive: Most efficient driving route based on preferred driving options (route type, avoid highways or toll roads, etc.)

Walk: Fastest route for a pedestrian; highways are avoided and one-way street directions are disregarded[1]

[1] If Walk mode is selected and your speed increases to 20 mph or higher, you will be prompted to switch to Drive mode.

6. Navigation (continued)

Voice Guidance

Voice Guidance plots a route on a map and uses your GPS signal to track your progress along that route. As you approach the next maneuver, you will hear a voice prompt telling you what to do (e.g. "Now turn left..."). Select this option if you are ready to begin navigating and you want to initiate turn-by-turn voice guidance as you drive or walk. *A Live Voice Guidance package is required for this option.*

Navigation bar:
- Upcoming street name[1]
- Turn direction
- Distance remaining until the next turn

Report: Report an incident such as collision, traffic, police, weather, and more

Approach Indicator: Corresponds to the distance from the upcoming maneuver. Appears when you are approximately 1 min from the next turn (depends on current speed)

Search bar: Search for POIs, addresses, etc.

Display auto-rotates between heading, ETA, distance & time remaining

Speed limit: Posted speed limit (top) and current speed (bottom). Current speed is highlighted yellow or red when you are speeding (configurable in Settings)

Blue line: Highlights your route

Arrow: Current position and heading

Maps: Change the map type and select traffic and/or incident overlays

[1] The street name for your next maneuver will scroll across the navigation bar. If the name is too long and gets cut off, tap the navigation bar to see the full name scroll again.

6. Navigation (continued)

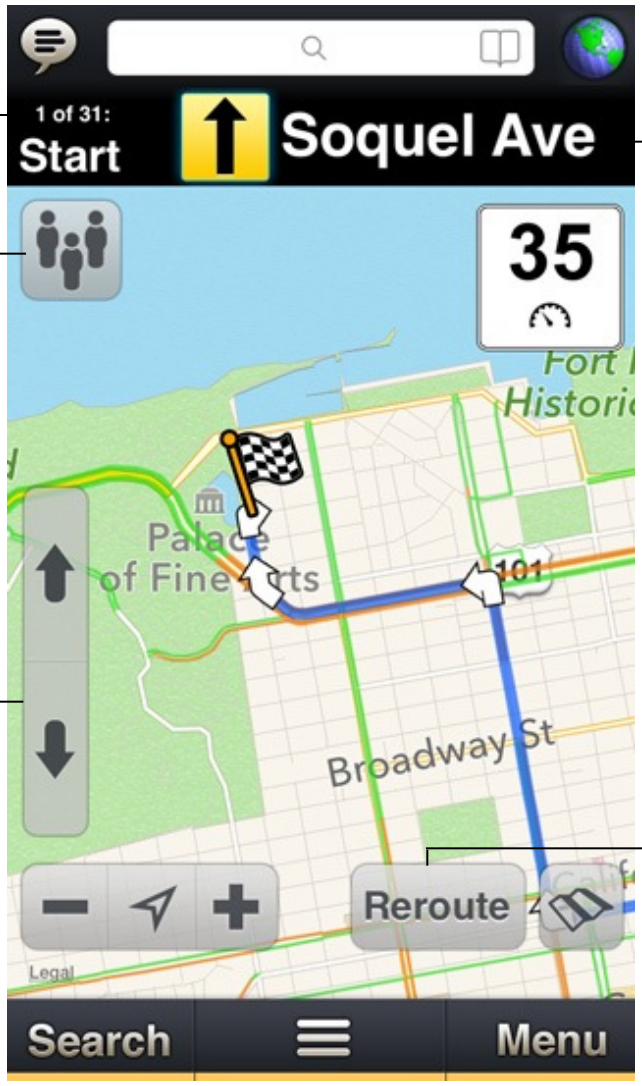
Silent Guidance

Select this option to see your route highlighted over the top of a map. Use the vertical arrows on the left side of the map page to skip forward and back manually through the maneuvers. If you drive off-course, re-route quickly any time using the Reroute button. *A Live Voice Guidance package is *not* required for this option; it is provided as part of the core application.*

Step number increments as you manually step through the route

Report: Report an incident such as collision, traffic, police, weather, and more

Manually advance through your route one step at a time



Information about the current maneuver

Reroute: Calculates a new route based on your current position. Available while using **Silent Guidance**.

When navigating with Silent Guidance, the Avoid Freeways and Avoid Toll Roads options (found in Settings > Driving & Traffic Options) are not available, so these settings will not be applied when your route is calculated.

6. Navigation (continued)

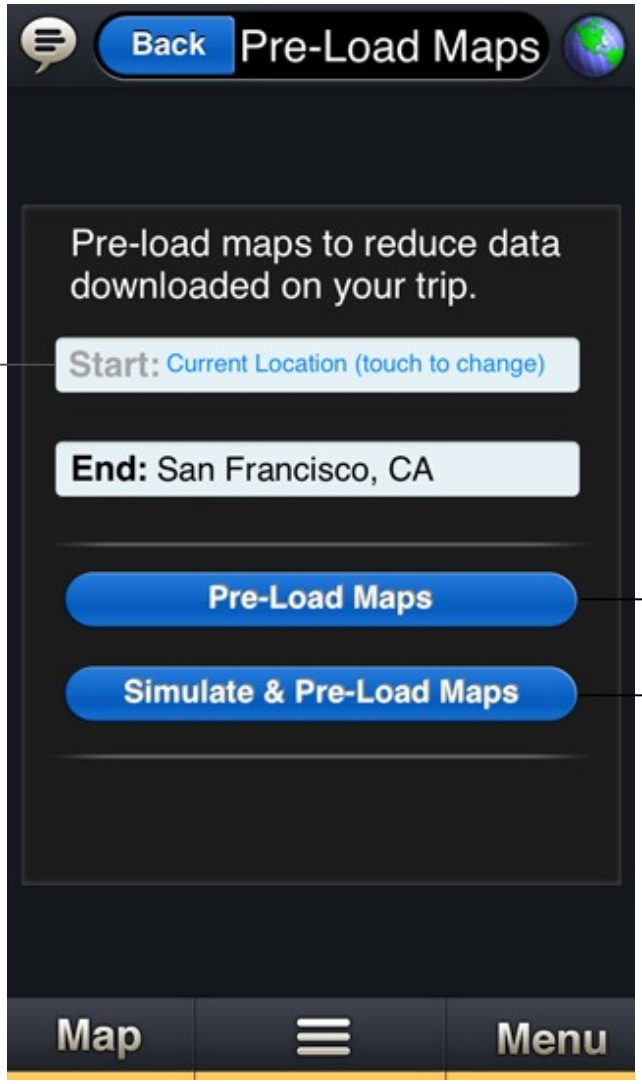
Pre-Load Maps

Download the map data required along a specific route directly to your iPhone or iPad for offline access. When you follow your route, pre-loaded maps are utilized in favor of downloading additional data. Define a route starting from your current location, or from a specified address or saved location. Download up to 2 GB of map data.

Start at your current position, or define a different location

Map download steps:

1) After finding your destination, select Nav Choices from the Location Details screen
2) Select Pre-Load Maps
3) Select the Pre-Load Maps button to download maps along your route including all zoom levels, -or- select Simulate & Pre-Load Maps to run an uninterrupted simulation of your route. As the route simulation proceeds, the map tiles displayed on the screen are stored on your device (only one zoom level is cached). Select a simulation speed ranging from 1X to 8X, configurable in Settings > General.



Pre-Load Maps:
Download maps in the background; includes all zoom levels.

If you last used Live Voice Navigation with:

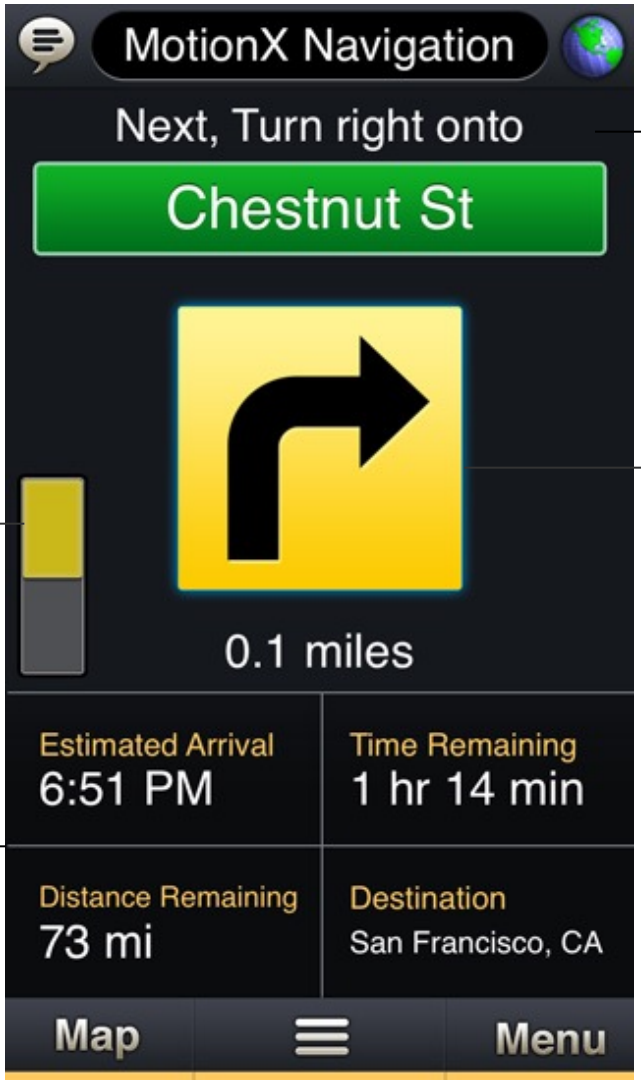
- **MotionX 3D maps**, then MotionX 3D map tiles will be downloaded
- **2D maps**, then 2D and 3D map tiles will be downloaded

Simulate & Pre-Load:
View a simulation of your route. Map tiles are stored as they are viewed (for a single zoom level only).

6. Navigation (continued)

Navigation screen

While actively navigating, select the Navigation button from the main menu to display a large visual indicator of the upcoming maneuver direction.



Upcoming maneuver

Yellow arrow: Direction of the next maneuver. The distance remaining is shown below.

Approach Indicator: Corresponds to the distance from the upcoming maneuver; appears when you are approximately 1 min from the next turn (depends on current speed)

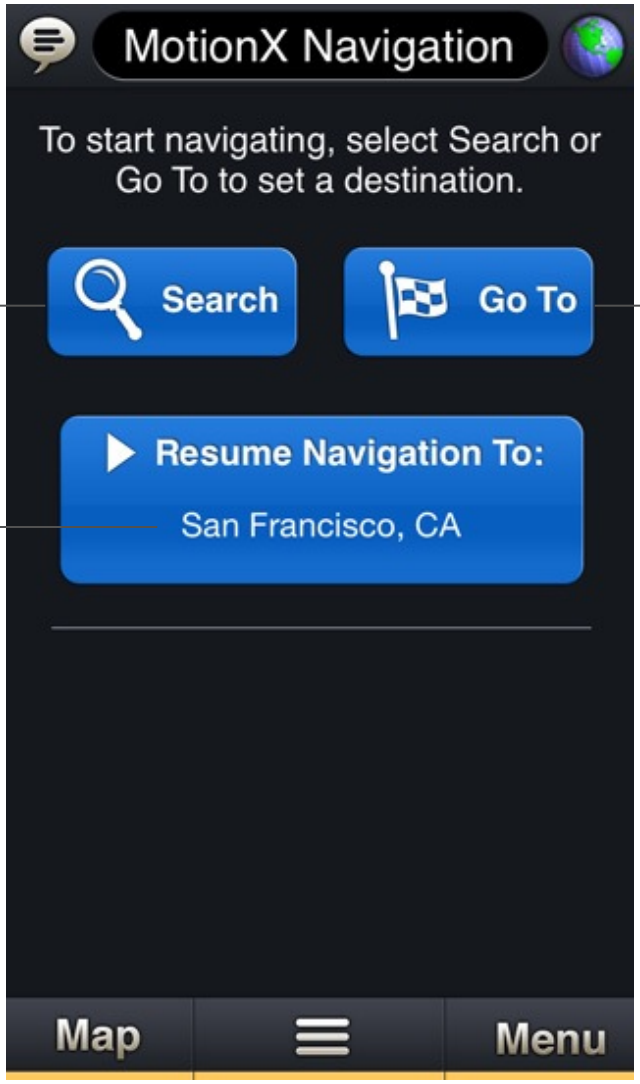
ETA, time and distance remaining in the trip, destination name

If you deviate from the highlighted route while using live voice guidance, a new route will be calculated automatically. If a network data connection is unavailable at the time, your existing route will be maintained until a network connection becomes available.

6. Navigation (continued)

Resume navigation

Quickly resume navigation to your most recent destination. Touch the Navigation or Directions List button from the main menu to access this feature.



Use the MotionX Search Wheel for a categorized search query

Select a destination from recently found, frequent destinations, favorites, contacts, etc.

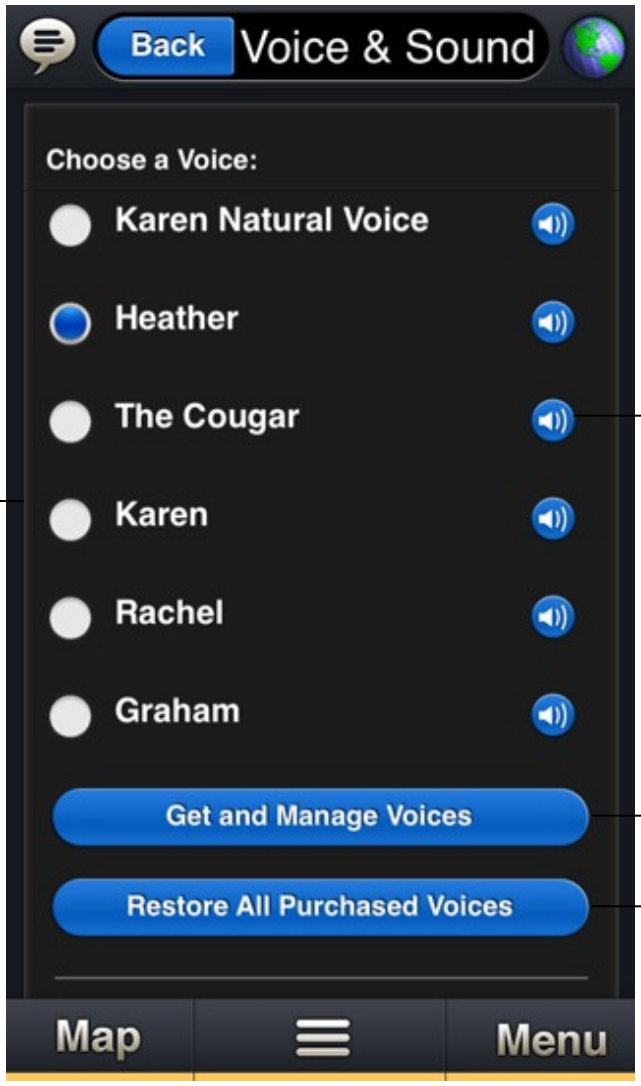
The name of your most recent destination

6. Navigation (continued)

Voice Options

Select a voice announcement preference in Settings > Voice & Sounds. Voice options during Voice Navigation include:

- Natural: maneuvers without street names. For example: *"In 200 feet, turn right."*
- Synthesized: includes street name announcements. For example: *"In 200 feet, turn right onto Pacific Avenue."*



Synthesized voices (with spoken street names) are available during Voice Navigation for users with an active guidance package

Preview each voice option

Get and Manage Voices: Access the various voice options (male voice, female UK accent, etc.) available for in-app purchase

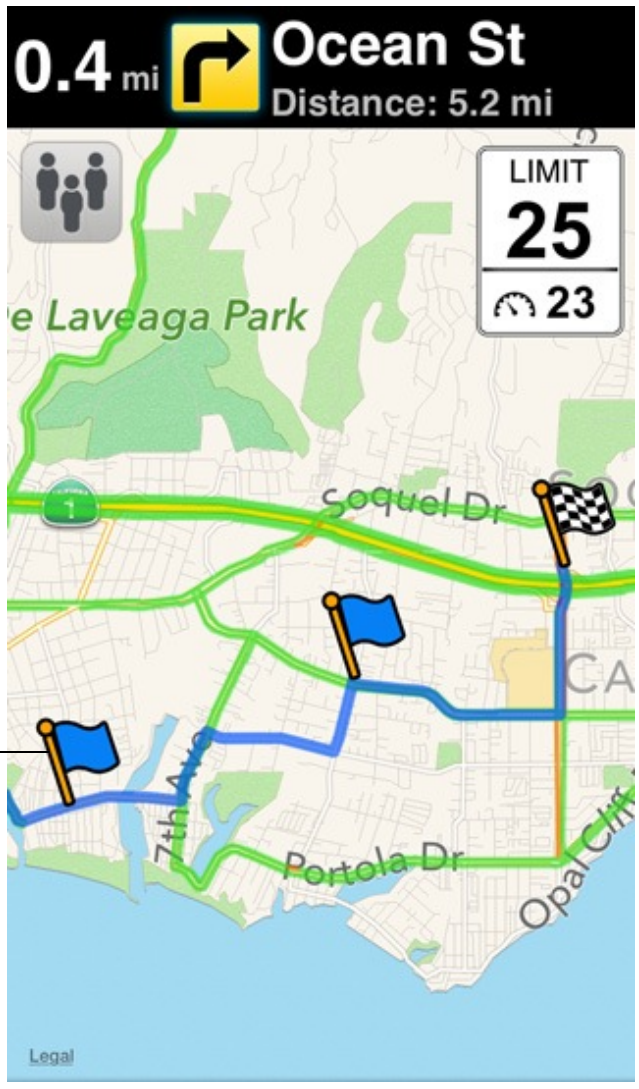
Restore all previously purchased voices[1]

[1] If you get a new device or delete & reinstall the app, purchased voices need to be re-downloaded. Also be aware, the iPhone OS may auto-delete voices if your iPhone runs out of available memory.

6. Navigation (continued)

Multi-Stop Routing

To use multi-stop routing, first route to your final destination. Once the route is calculated, add additional stops by finding a destination and selecting the Navigate button. You'll be asked if you want to cancel the existing route or add it as a stop. A message will display on the screen when you have arrived at each stop, along with an option to resume navigation.



Stops: Marked by a blue flag. Add up to nine stops along the route to your final destination.

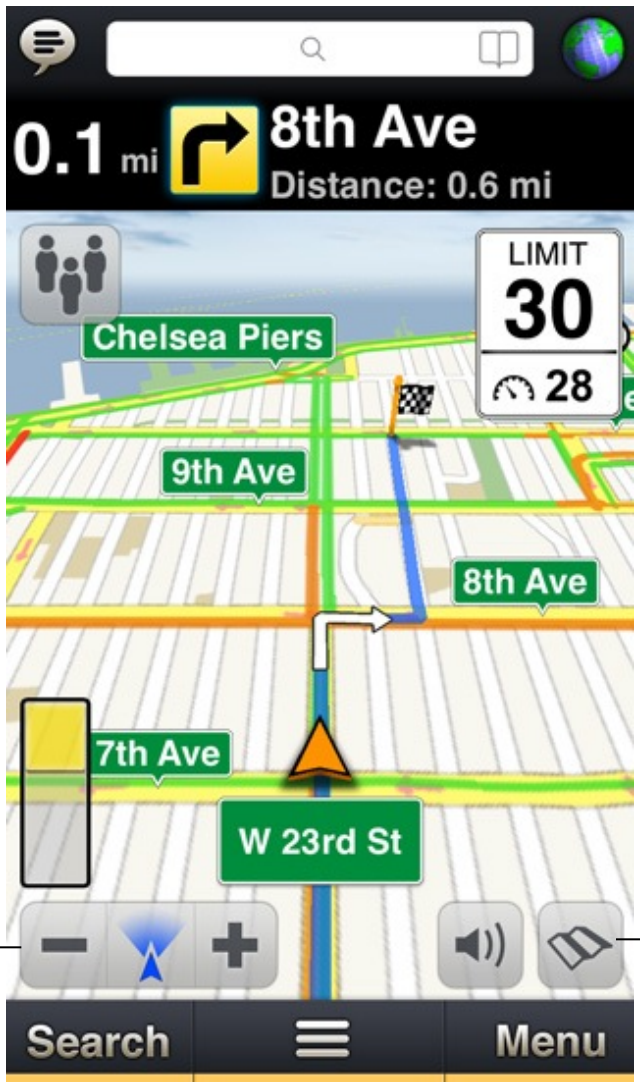
By default, the stops order is optimized to provide the fastest routing (during Live Voice Guidance only). To define the order of the stops yourself, go to Settings > Driving & Traffic Options and turn off "Optimize Stops Order". Once optimize is off, first route to your destination, then add stops in the order you'd like them to be used in the routing.

7. Maps

Two types of maps are used in MotionX-GPS Drive: three-dimensional maps (3D) and two-dimensional maps (2D). The map options and controls are described in this section.

3D Maps

- Default map during Live Voice Navigation
- Default map during a simulated trip
- Apple 3D maps can also be accessed while not navigating, using the Maps button



+ / - Buttons: Zoom in & out

Maps: Select from the following 3D map types:

- MotionX 3D: large names float above street level for select roads
- Apple 3D: street names are built into the map

7. Maps (continued)

2D Maps[1]

- Apple Road, Aerial, or Hybrid maps
- Traffic flow and traffic incident overlays
- North up, course up, or direction up

Arrow (touch to toggle):

- Position will not remain centered
- Position remains centered on map
- Position centered; course-up
- Position centered; direction-up

- Current position; good GPS signal
- Position estimated with Network triangulation
- Simulation running
- Position unknown; no GPS signal

Maps: Select from the following 2D map types:

- Road
- Aerial
- Hybrid

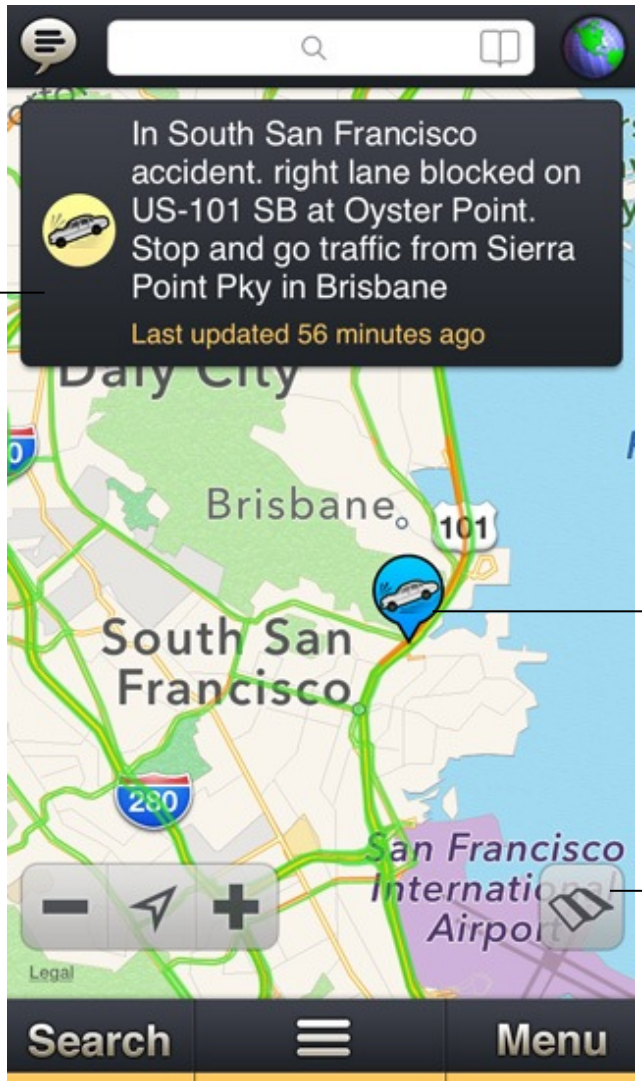
[1] While navigating, select 2D maps and zoom out to visualize your entire route.

7. Maps (continued)

Traffic Maps

Select Traffic from the Maps button to view live traffic maps with color-coded overlays. Select Incidents from the Maps button to view traffic incident locations and information from both INRIX and community sources, as well as hazards, weather, traffic cameras, and police locations spotted by other users.

Swipe inside the text bubble to view multiple incident reports (if applicable)


In South San Francisco accident. right lane blocked on US-101 SB at Oyster Point. Stop and go traffic from Sierra Point Pky in Brisbane
Last updated 56 minutes ago
Brisbane
101
South San Francisco
280
San Francisco International Airport
Legal
Search
Menu

Tap a traffic icon to view details. Icons with a number indicate multiple incidents in this region.

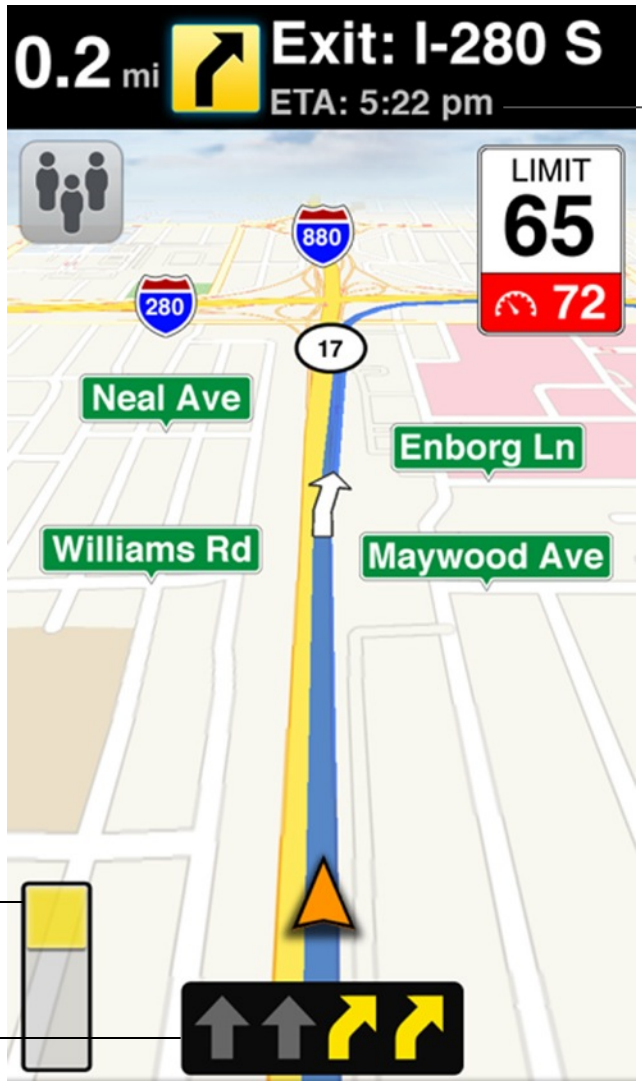
Touch the map anywhere to make incident details disappear

Map and overlay options

7. Maps (continued)

Full-screen Map

While actively navigating to a destination, the map automatically expands to full-screen mode after a few seconds have elapsed since you last touched the display. Touch the screen anywhere to collapse back to the standard view.



Toggles between ETA, distance and time remaining

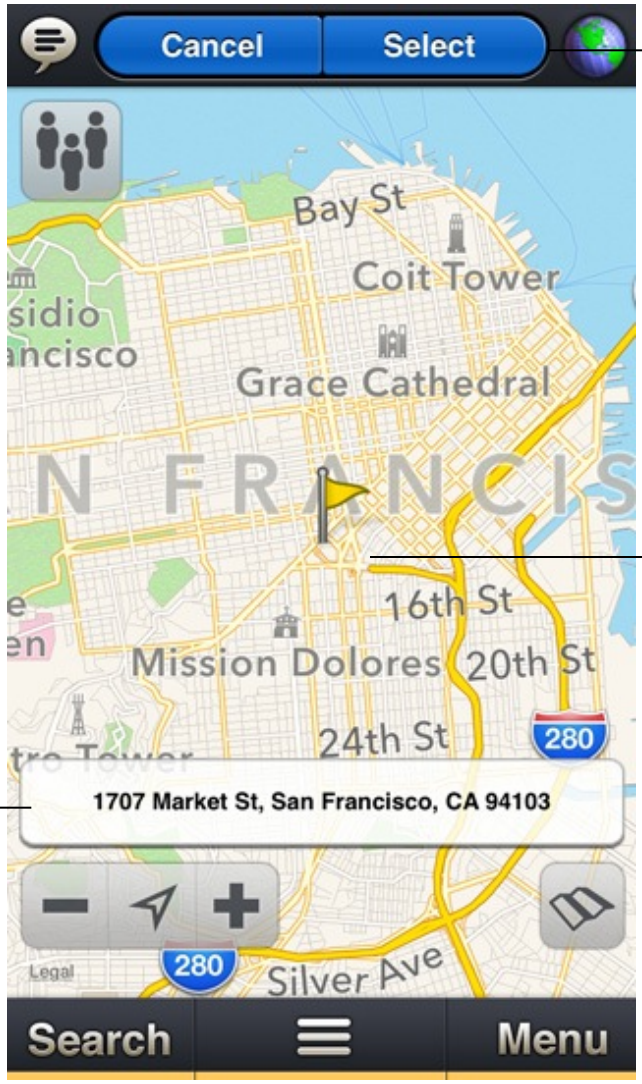
Hidden: map zoom controls, directions list button, map type selector, iPod controls, Menu and Search buttons

Critical information, such as upcoming turn warnings and lane guidance, is displayed over the top of the map when relevant

7. Maps (continued)

MotionX TapTap® tool

To select a destination directly from the map, tap twice on the map to bring up the MotionX TapTap® tool.



Select: Navigate to this destination

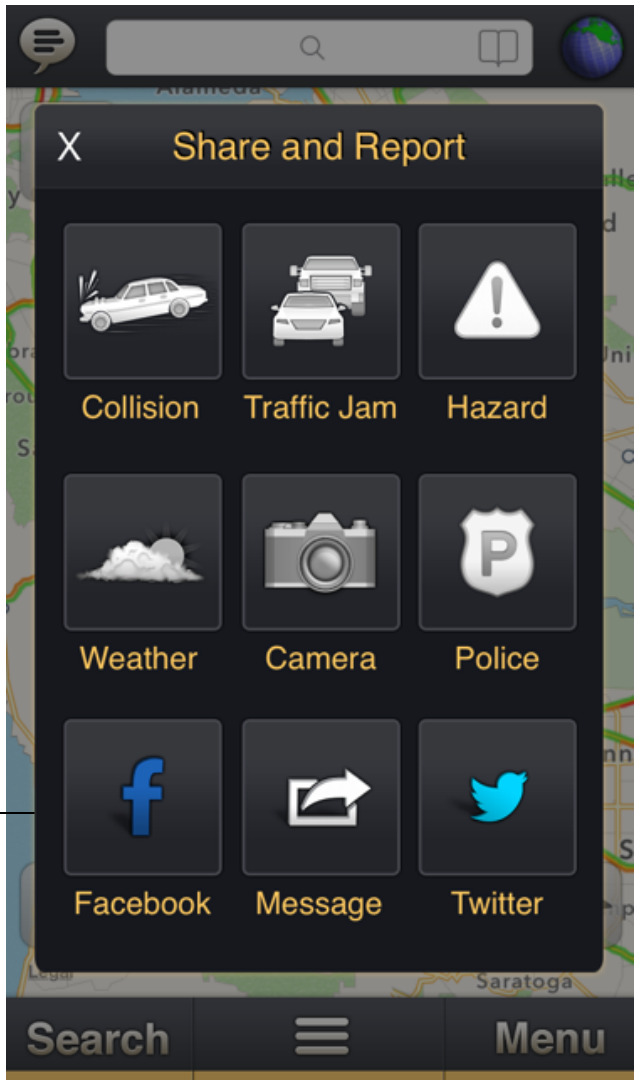
Drag the underlying map to place the flag on top of your desired destination

The flag position is geocoded to the closest known physical address

7. Maps (continued)

Share and Report

MotionX-GPS Drive features community contributed road alerts and reporting, including accidents, traffic, hazards, weather, traffic cameras, and police location. Reported incidents will appear overlaid on the map and will be shared with the community to assist other drivers.



Report your location, destination, and ETA using Facebook, Twitter, or email

Camera location reports (including speed, red light, and mobile) will be shown on your own map but they will not be shared with the community.

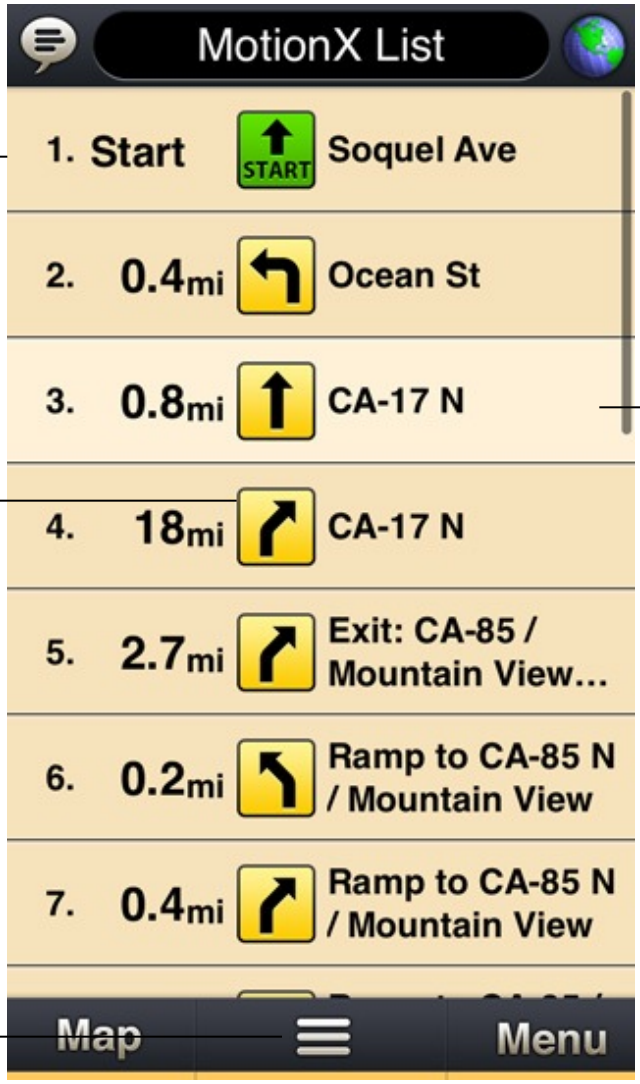
8. Directions List

While actively navigating to a destination, select the Directions List button from the main menu to see a list of the maneuvers over the course of your route. The Directions List is also accessible via the List button on the bottom pull-up menu.

Start: Your first maneuver is shown at the top of the page (configurable in Settings)[1]

Maneuver symbols are shown for each step

Select this button to access the directions list while navigating



The upcoming maneuver is highlighted so you'll know at a glance where to turn next

[1] The direction list is viewed bottom-up by default (first maneuver at the bottom of the page); select your preference from Settings>General.

9. Compass

The MotionX Compass shows such information as heading, current speed, current location, and the next maneuver information during active navigation. The compass page is useful for pedestrian navigation, for example.

Compass Modes
(touch button to toggle)**:**

Auto: Uses the magnetometer at speeds below 5 mph and GPS positional changes >5 mph

Magnetic: Uses the built-in magnetometer

GPS: Uses orderly changes in position

Simulation: Compass button is blue while running a simulation

Weak GPS signal: Red compass button indicates weak or no GPS signal

Navigation bar
- Upcoming street name
- Turn direction
- Distance remaining until the next turn

Blue arrow: Indicates the bearing to your destination

The magnetometer in the iPhone is susceptible to magnetic interference from electronics and ferrous metals. If an accurate direction cannot be achieved due to interference, you will be instructed to move away from the interference and re-calibrate the magnetometer by moving your iPhone in a figure 8 pattern. Disable these warnings from Settings > General.

For the satellite-based compass (GPS mode) to provide an accurate heading, you should be outdoors with a clear view of the sky and moving at least a few mph or km/h.

10. My Position

The Position page geocodes your current location and displays the closest known address. Save the address or make it your home; refresh on-command. The GPS signal strength is also displayed, along with Lat/Lon, altitude, speed and current heading.

Share: Share with friends via email, Facebook, or Twitter

Email: send your location, destination, address, and/or ETA with a link to view its location using Google Maps or directly in MotionX-GPS Drive

Facebook/Twitter: tweet your current address; tweet your destination, distance, and ETA while navigating

Add the address to your Saved Destinations[1]

Refresh: Touch to refresh/update the address based on current location

Save the current address to your Parking Spots list (Menu>Go To)

If the signal indicator says:

No Signal: GPS signal is obstructed (indoors, wooded area, urban canyon, etc.)

Disabled: outdoor GPS mode is manually turned off via the globe button prompt

GPS Signal: [2]

Green: Strong signal

Yellow: Average signal

Red: Weak signal; position information may be inaccurate/ unreliable

[1] Saving the address closest to your current location may be useful to navigate back to this location at a later time.

[2] If your GPS signal strength indicator is yellow or red, the geocoded address displayed may be significantly inaccurate (up to hundreds of feet).

The speed displayed is an approximation and should not be used as an absolute indication of your actual speed. Please refer to your vehicle's speedometer.

10. My Position (continued)

Swipe the screen to transition between My Position, Directions List, and Navigation pages, for easy access during navigation.

11. Settings

Use the MotionX Settings page to learn about MotionX-GPS Drive voice guidance offers and to control various application settings. Your current Voice Guidance package status is shown at the top of this page.

Live Voice Guidance

View the current Live Voice Guidance subscription options available. Any purchases are accrued; your expiration date will be extended by the amount corresponding to your purchase.

General

- Units: select either miles or kilometers.
- Direction List: choose to view the direction list top-down (ON setting) or bottom-up (OFF).
- Simulation: virtually drive through a route before your actual trip. You can speed up the simulation to as high as 8X to get a faster overview. Map tiles are cached on your device during simulations.
- Lock the display to portrait or landscape, or choose auto-rotate.
- Enable or disable high-accuracy GPS mode, compass interference warnings, and parking spot marker prompts.
- Clear unsaved address history.
- Reset to factory defaults, which erases all stored content.

Driving & Traffic Options

Driving options control how a driving route is calculated; they do not affect walking directions.

- Choose from fastest route, shortest route, avoid freeways, or avoid toll roads.
- Select either Drive or Walk (pedestrian routing) mode.
- Choose whether to optimize the order of stops in a multi-stop trip (for use during Voice Guidance only). With this option turned off, or while using Silent Guidance, routing will proceed in the order stops are added.
- Optionally use traffic data to calculate a better route.
- Choose whether to send traffic probe data to help improve the accuracy of traffic information.

11. Settings (continued)

Voice & Sound

- Turn voice guidance ON to keep you informed without taking your eyes off the road.
- Pause the iPod during voice guidance instructions (ON setting), or fade iPod audio into the background during spoken directions (OFF setting).
- Choose whether you want to be notified when GPS signal is lost.
- Choose whether you would like to hear announcements for upcoming traffic incident alerts, including collisions, weather, police sightings, etc. (must have an active Voice Guidance subscription)
- Set the voice guidance to a desirable level (relative to your music) using the volume slider labeled Voice Guidance Volume. This will not affect the volume of your music or application sound effects.
- Set the Master Audio Setting to a desirable level using the slider control. If your iPhone's Bluetooth is turned on, you can use your Bluetooth-enabled device/ system to control the master audio (visible only when a stereo Bluetooth system is detected).
- Choose a voice option. "Natural" voice is an actual voice recording and does not include street names. Karen Natural, The Cougar, and The London East Ender are natural voices. Synthesized voice includes spoken street names; this option requires an active Voice Guidance subscription.
- Multiple voice options are available via in-app purchase, including natural (without street names) and synthesized (with spoken street names) voices[1].
- Turn on/off optional button click sound effects.

Map Settings

- Night Mode: Display maps with lower brightness for viewing in low-light conditions. Automatic mode chooses the best option based on time of day.
- Select the trip stats that cycle in the map view while navigating.
- Choose whether to display speed limits, current speed, and/or speed limit warnings on the map.
- Maximize Map When Navigating: Turn ON to automatically expand the map to full-screen mode after a few seconds have elapsed since you last touched the display while navigating to a destination. Touch the screen anywhere to collapse back to standard view.

[1] If you get a new device or delete & reinstall the app, purchased voices need to be re-downloaded. Also be aware, the iPhone OS may auto-delete voices if your iPhone runs out of available memory.

11. Settings (continued)

- Cache up to 2GB of downloaded map images for faster map loading. Old map images will be replaced automatically once you reach the memory limit. Your current cache usage is displayed. Select the "Clear Stored Maps" button to empty the cache.
- External Display Package: In-app purchase enables touch interactivity when using MotionX-GPS Drive with compatible Pioneer and JVC in-vehicle head unit displays.

Traffic Incidents

Customize the list of traffic incidents displayed on the map and announced as you approach them while navigating.

Help & Info

Access the FAQ, report a navigation problem by sending us a routing log, or send general feedback, all from within the application.

MotionX-ID

Manage your MotionX-ID: change your ID (email address), password, or sign out. Also view all other devices that are logged in using your ID (using your Voice Guidance purchases) and choose to remove them if you would like.

Facebook

Log into your Facebook account to post check-ins, and to view and navigate to your friends' recent Facebook check-ins.

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12. In-Car Displays

View MotionX-GPS Drive maps, routing, and guidance details on an in-vehicle head unit display, using the iPhone interface as a control point.

Display Settings

MotionX-GPS Drive supports video out for viewing maps, routing, and guidance information on an in-vehicle display, such as an audio/video automobile stereo head unit. Creating a dual-screen experience, the MotionX-GPS Drive user interface on the iPhone is used as the control point for the maps and routing information shown on the in-car display.

Supported Head Units

MotionX-GPS Drive is compatible with the following Pioneer and JVC aftermarket head units supporting 2-way touch.

Pioneer A/V Units:

- AppRadio 3
- AppRadio 2
- AppRadio

Please check the Pioneer website for the appropriate iPod/iPhone interface cables.

JVC Multimedia A/V Receivers:

2012 Models

- KW-AV60/KW-AV60BT/KW-AV68BT/KW-ADV64BT
- KW-AV70/KW-AV70BT/KW-AV78BT
- KW-NSX1

2013 Models

- KW-AV51/KW-AV61/KW-AV61BT/KW-ADV65BT
- KW-AV71BT
- KW-NSX600
- KW-NSX700

Please check the JVC website for the appropriate iPod/iPhone interface cables.

13. Accessories

MotionX recommends the following accessories to facilitate the best possible navigation experience with MotionX-GPS Drive on your iPhone.

Kenu Car Mount

The Kenu Airframe Car Mount puts your iPhone at eye level on your car's dashboard, putting all of your street maps, directions (and more) within view and within reach. This also gives your iPhone a clear view of the sky for the best GPS signal. More details and other mounts.

Griffin PowerJolt car charger[1]

Use a 2.1 amp charger to ensure your iPhone maintains a positive charge while using GPS and accessing the cellular network with MotionX-GPS Drive. Plug the 2.1 amp PowerJolt into your cigarette lighter or 12V accessory socket and charge your iPhone’s battery during use. More details. Your iPhone’s GPS signal strength will be enhanced when it is connected to a power source.

14. iPad

MotionX-GPS Drive is designed for both the iPhone and iPad. Most of the iPad functionality is the same as the iPhone, however there are a few notable differences.

- User interface differences:
  - The speed limit is not displayed in the center of the search wheel
  - On-screen controls when viewing the map (there is no pull up menu when viewing the map like on iPhone)
- Optional composite map view when navigating (example in the screenshot above)
- The iPad does not support external displays